

# Connecting the world responsibly & resourcefully

At FedEx, our simple, three-pronged approach to sustainability – Reduce, Replace, Revolutionize – guides our practices and innovations to reduce the environmental impacts of our fleets, facilities, and material choices. It drives the responsible and efficient use of resources, optimizes our business, lowers costs, and delivers value for our customers.



applications.

## **40% REDUCTION** IN CO2e EMISSIONS INTENSITY

Collectively, these efforts have contributed to an approximately 40% reduction in CO2 emissions intensity (on a revenue basis) across the enterprise from FY09 to FY20, a period in which revenue grew by 99%. Last fiscal year alone, we avoided more than 3 million metric tons of CO<sub>2</sub>e emissions from fuel and energy-saving initiatives throughout our operations.



## Vehicle Technology

FedEx continues to add alternative fuel and technology vehicles to our fleet. We now operate over 4,000 alternative fuel vehicles around the world, of which over 3,000 are electric. By 2040, our entire FedEx Express parcel pickup and delivery fleet will be zero–emission electric vehicles.

In July, 2020, FedEx Express Canada launched the first FedEx e-bike fleet in the Americas. We are testing these vehicles in high density traffic areas. These zero emission, electric-assisted bicycles can travel over 150 kilometers and up to 30 km/hour on a single charge.



## Aircraft Modernization

Replacing older aircraft with more efficient models like Boeing 757, 767, and 777 aircraft saved over 137 million gallons of jet fuel, globally.

The B757 aircraft flying in the Canadian network are 36% more fuel efficient than the retired B727.



## Packaging

FedEx-branded packaging is made from 45% recycled content in FY20 with all FedEx packaging being recyclable.



45%

FedEx BRANDED

**PACKAGING IS MADE FROM** 



## Facilities

Retrofitting FedEx facilities with more efficient lighting saved more than 238 million kWh of electricity. Programs have been completed in Alberta, British Columbia, Ontario and Quebec.

FedEx operates 26 renewable and alternative energy system facilities around the world.

## SAVED MORE THAN 238 MILLION MILLION OF ELECTRICITY IN FY20

**AVOIDED MORE THAN** 

TRIC TONS OF CO2e

EMISSIONS IN FY20

## Emissions Goals & Progress

## **Aircraft Emissions**

Reduce aircraft emissions intensity 30% from a 2005 baseline by 2020 Our aircraft modernization and FedEx $^{\circ}$  Fuel Sense programs:

- Saved more than 255 million gallons of fuel
- Avoided more than 2.37 million metric tons of CO2e emissions in FY20

## Vehicle Fuel Efficiency

**MILLION GALLONS OF FUEL** 

Increase FedEx Express vehicle fuel efficiency 50% from a 2005 baseline by 2025

- Our efforts avoided 315,519 metric tons of CO<sub>2</sub>e emissions in FY20 due to:
- Upgrading our vehicle fleet and implementing innovative technologies, including use of alternative fuels
- Improving operations through routing, automation and
- driver monitoring

**Eco Driving** Drivers throughout Canada participate in the Eco Driving program to improve vehicle fuel efficiency. Their efforts contributed to worldwide savings of over 30.5 million gallons of fuel in FY20.

### FedEx Delivery Manager

Helps customers reduce transportation emissions by allowing them to proactively customize final delivery, lowering the number of second delivery attempts needed.

## **Conservation** For more than a decade, F communities across Cana

For more than a decade, FedEx has worked with Tree Canada to revitalize communities across Canada, through community greening and reforestation projects.

We have sponsored the greening of more than 100 school grounds and other community projects across Canada, and have planted more than 60,000 trees in support of Canadian reforestation programs. This includes our support of Tree Canada's Operation ReLeaf programs -- which help re-establish tree canopy and municipal forests lost to flooding, wildfires, and other natural disasters. Examples include:

• The B.C. Fire ReLeaf program, which allowed B.C. homeowners, landowners and municipalities to plant trees destroyed during the forest fires in the summer of 2009.

• The Operation ReLeaf - Fort McMurray program, which helped to help re-establish tree canopy and municipal forests lost to the devastating wildfires in the region of Fort McMurray in 2016.

• The Ottawa ReLeaf program, which replaced approximately 1,000 residential trees lost during the 2018 Ottawa/Gatineau tornadoes.





